

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S5	1	"20050029631"	US-PGPUB; USPAT	OR	ON	2005/08/29 14:31
S8	43	(developer near tmah) and (@py="2005")	US-PGPUB; USPAT	OR	ON	2005/08/29 14:49
S7	17	"5308929"	US-PGPUB; USPAT	OR	ON	2005/08/29 14:49
S12	0	((thin near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with (hole or opening) with (polyimide or novolak or resol))	US-PGPUB; USPAT	OR	ON	2005/08/29 14:53
S13	0	"6762133" and tmah	US-PGPUB; USPAT	OR	ON	2005/08/29 15:09
S14	1	"6762133" and tetra\$	US-PGPUB; USPAT	OR	ON	2005/08/29 15:09
S15	1560	((("2nd" or second) near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with (hole or opening))	US-PGPUB; USPAT	OR	ON	2005/08/29 15:46
S17	145	S16 and (@ad<"20040212" or @rlad<"20040212") and ((("257"/\$3.cor.) or ("438"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/29 15:47
S18	97	((thin near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with (hole or opening))	US-PGPUB; USPAT	OR	ON	2005/08/29 15:47
S21	0	S20 and ((thin near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with (tmah or (tetra adj methyl) or tetra\$1methyl)	US-PGPUB; USPAT	OR	ON	2005/08/29 15:48
S19	47	S18 and (@ad<"20040212" or @rlad<"20040212") and ((("257"/\$3.cor.) or ("438"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/29 15:48
S22	0	((thin near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with (tmah or (tetra adj methyl) or tetra\$1methyl)	US-PGPUB; USPAT	OR	ON	2005/08/29 15:48

S26	4	((("2nd" or second) near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with (tmah or (tetra adj methyl) or tetra\$1methyl))	US-PGPUB; USPAT	OR	ON	2005/08/29 15:50
S25	11	S23 and (@ad<"20040212" or @rlad<"20040212")	US-PGPUB; USPAT	OR	ON	2005/08/29 15:51
S23	14	(((thin near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) same (tmah or (tetra adj methyl) or tetra\$1methyl))	US-PGPUB; USPAT	OR	ON	2005/08/29 15:51
S27	4	S26 and (@ad<"20040212" or @rlad<"20040212")	US-PGPUB; USPAT	OR	ON	2005/08/29 15:52
S9	97	(((thin near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with (hole or opening))	US-PGPUB; USPAT	OR	ON	2005/08/29 15:52
S30	27	(((thin near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with (hole or opening))	EPO; JPO; DERWENT	OR	ON	2005/08/29 15:52
S28	0	(((thin near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) same (tmah or (tetra adj methyl) or tetra\$1methyl))	EPO; JPO; DERWENT	OR	ON	2005/08/29 15:52
S31	24	S30 and (@pd<"20040212")	EPO; JPO; DERWENT	OR	ON	2005/08/29 16:03
S32	6	"9206186"	EPO; JPO; DERWENT	OR	ON	2005/08/29 16:03
S36	50	S35 and (@ad<"20040212" or @rlad<"20040212")	US-PGPUB; USPAT	OR	ON	2005/08/29 16:04
S35	50	S34 not S19	US-PGPUB; USPAT	OR	ON	2005/08/29 16:04
S33	0	S22 not S23	US-PGPUB; USPAT	OR	ON	2005/08/29 16:04
S34	97	S18 and (@ad<"20040212" or @rlad<"20040212")	US-PGPUB; USPAT	OR	ON	2005/08/29 16:04

S38	166	("6933556" "6930374" "6930366" "6927439" "6924537" "6924525" "6921941" "6919614" "6919605" "6919601" "6919590" "6914311" "6914268" "6913972" "6911738" "6906422" "6894355" "6894344" "6894343" "6894321" "6893883" "6891235" "6888220" "6888157" "6885059" "6882021" "6882020" "6876033" "6867488" "6849919" "6847047" "6842374" "6841809" "6836003" "6831339" "6815732" "6815234" "6809401" "6803636" "6803623" "6798011" "6794742" "6794718" "6791138" "6787885" "6781181" "6781172" "6774435" "6770973" "6759708" "6759707" "6759706" "6756645" "6753593" "6753585" "6753560" "6750521" "6747326" "6737713" "6737668" "6734510" "6734508" "6727573" "6727547" "6727528" "6724044" "6724037" "6713782" "6700170" "6696741" "6696721" "6696706" "6693821" "6690084" "6690066" "6690060" "6690052" "6686617" "6680509" "6677645" "6677644" "6677642" "6674122" "6667499" "6667443" "6661071" "6653675" "6646323" "6646312" "6646310" "6639290" "6639289" "6635951" "6630736" "6627986" "6624465" "6624451" "6617626" "6617625" "6614080" "6614068" "6611060" "6611050" "6611017" "6608358" "6593613" "6586813" "6573559" "6573557" "6570236" "6563161" "6559511" "6559491" "6552389" "6548852" "6548850" "6534870" "6531735" "6528855" "6525377" "6525366" "6525364" "6521941" "6512264" "6498386" "6492703" "6492693" "6486509" "6479877" "6479871" "6472702" "6472693" "6469335" "6462374" "6462373" "6462366" "6452239" "6448632" "6441464" "6441425" "6441423" "6437444" "6437414" "6426667" "6423999" "6423985" "6414350" "6407928" "6396112" "6388326" "6380580" "6376898" "6351015" "6351004" "6350998" "6344671" "6337512" "6329690" "6326659" "6323512" "6303965" "6297524" "6288424" "6281593" "6271550" "6239465").pn.	US-PGPUB; USPAT	OR	ON	2005/08/29 16:17
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S41	52	S39 not (S40 or S38)	US-PGPUB; USPAT	OR	ON	2005/08/29 16:18
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S40	137	("6933556" "6930374" "6930366" "6927439" "6924537" "6924525" "6921941" "6919614" "6919605" "6919601" "6919590" "6914311" "6914268" "6913972" "6911738" "6906422" "6894355" "6894344" "6894343" "6894321" "6893883" "6891235" "6888220" "6888157" "6885059" "6882021" "6882020" "6876033" "6867488" "6849919" "6847047" "6842374" "6841809" "6836003" "6831339" "6815732" "6815234" "6809401" "6803636" "6803623" "6798011" "6794742" "6794718" "6791138" "6787885" "6781181" "6781172" "6774435" "6770973" "6759708" "6759707" "6759706" "6756645" "6753593" "6753585" "6753560" "6750521" "6747326" "6737713" "6737668" "6734510" "6734508" "6727573" "6727547" "6727528" "6724044" "6724037" "6713782" "6700170" "6696741" "6696721" "6696706" "6693821" "6690084" "6690066" "6690060" "6690052" "6686617" "6680509" "6677645" "6677644" "6677642" "6674122" "6667499" "6667443" "6661071" "6653675" "6646323" "6646312" "6646310" "6639290" "6639289" "6635951" "6630736" "6627986" "6624465" "6624451" "6617626" "6617625" "6614080" "6614068" "6611060" "6611050" "6611017" "6608358" "6593613" "6586813" "6573559" "6573557" "6570236" "6563161" "6559511" "6559491" "6552389" "6548852" "6548850" "6534870" "6531735" "6528855" "6525377" "6525366" "6525364" "6521941" "6512264" "6498386" "6492703" "6492693" "6486509" "6479877" "6479871" "6472702" "6472693" "6469335" "6462374" "6462373" "6462366" "6452239" "6448632" "6441464" "6441425" "6441423" "6437444" "6437414" "6426667" "6423999" "6423985" "6414350" "6407928" "6396112" "6388326" "6380580" "6376898" "6351015" "6351004" "6350998" "6344671" "6337512" "6329690" "6326659" "6323512" "6303965" "6297524" "6288424" "6281593" "6271550" "6239465").uref.	US-PGPUB; USPAT	OR	ON	2005/08/29 16:18
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S39	351	("6933556" "6930374" "6930366" "6927435" "6924537" "6924525" "6921941" "6919614" "6919605" "6919601" "6919590" "6914311" "6914268" "6913972" "6911738" "6906422" "6894355" "6894344" "6894343" "6894321" "6893883" "6891235" "6888220" "6888157" "6885059" "6882021" "6882020" "6876033" "6867488" "6849919" "6847047" "6842374" "6841809" "6836003" "6831339" "6815732" "6815234" "6809401" "6803636" "6803623" "6798011" "6794742" "6794718" "6791138" "6787885" "6781181" "6781172" "6774435" "6770973" "6759708" "6759707" "6759706" "6756645" "6753593" "6753585" "6753560" "6750521" "6747326" "6737713" "6737668" "6734510" "6734508" "6727573" "6727547" "6727528" "6724044" "6724037" "6713782" "6700170" "6696741" "6696721" "6696706" "6693821" "6690084" "6690066" "6690060" "6690052" "6686617" "6680509" "6677645" "6677644" "6677642" "6674122" "6667499" "6667443" "6661071" "6653675" "6646323" "6646312" "6646310" "6639290" "6639289" "6635951" "6630736" "6627986" "6624465" "6624451" "6617626" "6617625" "6614080" "6614068" "6611060" "6611050" "6611017" "6608358" "6593613" "6586813" "6573559" "6573557" "6570236" "6563161" "6559511" "6559491" "6552389" "6548852" "6548850" "6534870" "6531735" "6528855" "6525377" "6525366" "6525364" "6521941" "6512264" "6498386" "6492703" "6492693" "6486509" "6479877" "6479871" "6472702" "6472693" "6469335" "6462374" "6462373" "6462366" "6452239" "6448632" "6441464" "6441425" "6441423" "6437444" "6437414" "6426667" "6423999" "6423985" "6414350" "6407928" "6396112" "6388326" "6380580" "6376898" "6351015" "6351004" "6350998" "6344671" "6337512" "6329690" "6326659" "6323512" "6303965" "6297524" "6288424" "6281593" "6271550" "6239465")	US-PGPUB; USPAT	OR	ON	2005/08/29 16:18
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S24	0	S23 and (@ad<"20040212" or @rlad<"20040212") and ("257"/\$3.cor.) or ("438"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/29 16:23
S6	24	((photo\$1sensitive or (photo adj (sensitive or sensing)) or photo\$1sensing) with polyimide with (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) with (hole or opening))	US-PGPUB; USPAT	OR	ON	2005/08/29 16:23
S29	0	((thin near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) and (tmah or (tetra adj methyl) or tetra\$1methyl))	EPO; JPO; DERWENT	OR	ON	2005/08/29 16:24
S43	2032	S42 and (@ad<"20040212" or @rlad<"20040212") and ("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/29 16:25
S42	9029	((photo\$1sensitive or (photo adj (sensitive or sensing)) or photo\$1sensing) with (hole or opening))	US-PGPUB; USPAT	OR	ON	2005/08/29 16:25
S45	22931	((photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) with (hole or opening))	US-PGPUB; USPAT	OR	ON	2005/08/29 16:25
S16	257	(("2nd" or second) near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with (thin))	US-PGPUB; USPAT	OR	ON	2005/08/29 16:25
S48	93	S47 not S19	US-PGPUB; USPAT	OR	ON	2005/08/29 16:26
S49	91	S47 not S18	US-PGPUB; USPAT	OR	ON	2005/08/29 16:26
S50	91	S47 not (S18 or S19)	US-PGPUB; USPAT	OR	ON	2005/08/29 16:26
S20	142	S17 not S19	US-PGPUB; USPAT	OR	ON	2005/08/29 16:26
S52	14	S50 and ("both" with (etch or etched or remove or removing or removed or etching) with (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive))	US-PGPUB; USPAT	OR	ON	2005/08/29 16:29

S46	15439	S45 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/29 16:30
S53	10	(("both" with (etch or etched or remove or removing or removed or etching) with (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) with (tmah or (tetra adj methyl) or tetra\$1methyl))	US-PGPUB; USPAT	OR	ON	2005/08/29 16:30
S57	2	S56 not S54	US-PGPUB; USPAT	OR	ON	2005/08/29 16:31
S54	3	S53 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/29 16:31
S55	19	(("both" with (etch or etched or remove or removing or removed or etching) with (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) same (tmah or (tetra adj methyl) or tetra\$1methyl))	US-PGPUB; USPAT	OR	ON	2005/08/29 16:31
S58	6	("5670423" "5741628" "5756254" "5866304" "6020269" "6605413").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/29 16:36
S59	1	"6762133"	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/29 16:36
S44	1	S43 and ((thin near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) and (tmah or (tetra adj methyl) or tetra\$1methyl))	US-PGPUB; USPAT	OR	ON	2005/08/29 16:37
S56	5	S55 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/29 16:38
S47	96	((("2nd" or second) near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with (thin)) and S46	US-PGPUB; USPAT	OR	ON	2005/08/29 16:38

S61	1329	S60 and (@ad<"20040212" or @rlad<"20040212") and ("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/29 16:43
S66	0	((("2nd" or second) near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with (thin)) and S64	US-PGPUB; USPAT	OR	ON	2005/08/29 16:43
S62	11	((("2nd" or second) near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with (thin)) and S61	US-PGPUB; USPAT	OR	ON	2005/08/29 16:43
S68	18	S67 not S62	US-PGPUB; USPAT	OR	ON	2005/08/29 16:44
S65	0	((("2nd" or second) near (photo\$1sensitive or (photo adj (sensitive or sensing)) or photo\$1sensing)) with (thin)) and S64	US-PGPUB; USPAT	OR	ON	2005/08/29 16:44
S67	18	((("2nd" or second) near (photo\$1sensitive or (photo adj (sensitive or sensing)) or photo\$1sensing))) and S64	US-PGPUB; USPAT	OR	ON	2005/08/29 16:44
S69	18	((("2nd" or second) near (photo\$1sensitive or (photo adj (sensitive or sensing)) or photo\$1sensing))) and S64	US-PGPUB; USPAT	OR	ON	2005/08/29 16:44
S72	10	S71 not S69	US-PGPUB; USPAT	OR	ON	2005/08/29 16:49
S70	22	((hole or opening) with ((fill or filled or filling) near (photo\$1sensitive or (photo adj (sensitive or sensing)) or photo\$1sensing)))	US-PGPUB; USPAT	OR	ON	2005/08/29 16:58
S76	31	S75 and (samsung.as.)	US-PGPUB; USPAT	OR	ON	2005/08/29 16:59
S75	131	(kim and park and shin and lee). in.	US-PGPUB; USPAT	OR	ON	2005/08/29 16:59
S74	1	((hole or opening) with pspl)	US-PGPUB; USPAT	OR	ON	2005/08/29 16:59
S64	131	S63 and (@ad<"20040212" or @rlad<"20040212") and ("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/29 17:00
S80	6	S79 not S77	US-PGPUB; USPAT	OR	ON	2005/08/29 17:01

S79	15	S76 and (semiconductor)	US-PGPUB; USPAT	OR	ON	2005/08/29 17:01
S71	10	S70 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/29 17:02
S73	1	((hole or opening) with (fill or filled or filling) with pspl)	US-PGPUB; USPAT	OR	ON	2005/08/29 17:02
S83	197	438/671.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/29 17:46
S63	369	((hole or opening) with (fill or filled or filling) with (photo\$1sensitive or (photo adj (sensitive or sensing)) or photo\$1sensing))	US-PGPUB; USPAT	OR	ON	2005/08/29 17:46
S81	23	((hole or opening) with (fill or filled or filling) with (novolak or resol))	US-PGPUB; USPAT	OR	ON	2005/08/29 17:46
S86	7	S85 and (@ad<"20040212" or @rlad<"20040212")	US-PGPUB; USPAT	OR	ON	2005/08/29 17:47
S85	8	((hole or opening) with (fill or filled or filling) with (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) and S83	US-PGPUB; USPAT	OR	ON	2005/08/29 17:47
S60	1795	((hole or opening) with (fill or filled or filling) with (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive))	US-PGPUB; USPAT	OR	ON	2005/08/29 17:47
S82	7	S81 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/29 17:48
S84	0	((hole or opening) with (fill or filled or filling) with (photo\$1sensitive or (photo adj (sensitive or sensing)) or photo\$1sensing)) and S83	US-PGPUB; USPAT	OR	ON	2005/08/29 17:48
S88	10	S87 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/29 17:50

S87	45	((hole or opening) with (fill or filled or filling) with (photo\$1sensitive or (photo adj (sensitive or sensing)) or photo\$1sensing) not (metal or conductive or conducting or tungsten or copper))	US-PGPUB; USPAT	OR	ON	2005/08/29 17:50
S92	16	S91 and ((fill or filled or filling) near3 (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive))	US-PGPUB; USPAT	OR	ON	2005/08/29 17:57
S91	45	S90 not S88	US-PGPUB; USPAT	OR	ON	2005/08/29 17:57
S90	49	S89 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/29 17:57
S95	126	S94 not (S90 or S88)	US-PGPUB; USPAT	OR	ON	2005/08/30 15:54
S94	135	S93 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/30 15:54
S89	62	((hole or opening) with (fill or filled or filling) with (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) not (metal or conductive or conducting or tungsten or copper))	US-PGPUB; USPAT	OR	ON	2005/08/30 15:55
S99	22	S98 and ((hole or opening) with pad)	US-PGPUB; USPAT	OR	ON	2005/08/30 15:56
S98	236	S97 and ((hole or opening) with (fill or filled or filling) with (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive))	US-PGPUB; USPAT	OR	ON	2005/08/30 16:02
S10 1	13	S100 not S99	US-PGPUB; USPAT	OR	ON	2005/08/30 16:02
S10 2	21	S97 and (thin adj (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive))	US-PGPUB; USPAT	OR	ON	2005/08/30 16:11

S10 0	15	S97 and ((hole or opening) with ((fill or filled or filling) near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)))	US-PGPUB; USPAT	OR	ON	2005/08/30 16:11
S10 3	2	S102 and ((hole or opening) with ((fill or filled or filling) near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)))	US-PGPUB; USPAT	OR	ON	2005/08/30 16:11
S97	4279	S96 and (@ad<"20040212" or @rlad<"20040212")	US-PGPUB; USPAT	OR	ON	2005/08/30 16:12
S10 4	6	((hole or opening) with ((fill or filled or filling) near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive))) and (thin adj (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive))	US-PGPUB; USPAT	OR	ON	2005/08/30 16:25
S10 5	6	S104 and (@ad<"20040212" or @rlad<"20040212")	US-PGPUB; USPAT	OR	ON	2005/08/30 16:26
S10 6	0	((photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) adj cover adj2 (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive))	US-PGPUB; USPAT	OR	ON	2005/08/30 16:26
S10 9	11	("5380546" "5470789" "5693563" "5741626" "5793112" "5893752" "5989997" "6037664" "6042999" "6083822" "6110648").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 16:27
S10 7	5	((photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) adj cover adj3 (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive))	US-PGPUB; USPAT	OR	ON	2005/08/30 16:29
S10 8	5	S107 and (@ad<"20040212" or @rlad<"20040212")	US-PGPUB; USPAT	OR	ON	2005/08/30 16:30

S11 0	4	((photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) with thin with enough with (developer or developing or development or tmah))	US-PGPUB; USPAT	OR	ON	2005/08/30 16:36
S77	9	S76 and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/30 16:37
S11 5	3	S114 and pad	US-PGPUB; USPAT	OR	ON	2005/08/30 16:37
S11 1	4	S110 and (@ad<"20040212" or @rlad<"20040212")	US-PGPUB; USPAT	OR	ON	2005/08/30 16:37
S11 2	76	((photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) with (thin near2 (developer or developing or development or tmah)))	US-PGPUB; USPAT	OR	ON	2005/08/30 16:55
S11 7	3	S116 and (@ad<"20040212" or @rlad<"20040212")	US-PGPUB; USPAT	OR	ON	2005/08/30 16:56
S11 3	74	S112 and (@ad<"20040212" or @rlad<"20040212")	US-PGPUB; USPAT	OR	ON	2005/08/30 16:56
S11 8	0	(((photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) near thin) with (dissolved) with (completely or entire))	US-PGPUB; USPAT	OR	ON	2005/08/30 16:57
S11 6	3	(((photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) near thin) with (developer or developing or development or tmah) with (completely or entire))	US-PGPUB; USPAT	OR	ON	2005/08/30 16:57
S11 9	0	(((photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) near thin) with (completely or entire) not (substrate or surface))	US-PGPUB; USPAT	OR	ON	2005/08/30 16:57
S12 2	0	(((photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) near thin) with (dissolved))	US-PGPUB; USPAT	OR	ON	2005/08/30 17:04

S12 1	0	(((photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) near thin) with (complete or entire) not (substrate or surface))	US-PGPUB; USPAT	OR	ON	2005/08/30 17:04
S12 5	5	S124 and ((("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/30 17:05
S11 4	45	S113 and ((("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/30 17:05
S12 4	9	"3620932"	US-PGPUB; USPAT	OR	ON	2005/08/30 17:05
S12 3	2	(((photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) near2 thin) with (dissolved))	US-PGPUB; USPAT	OR	ON	2005/08/30 17:11
S12 8	2	"5120669"	US-PGPUB; USPAT	OR	ON	2005/08/30 17:31
S12 7	3	S126 and ((("2nd" or second) near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with completely with thin)	US-PGPUB; USPAT	OR	ON	2005/08/30 17:33
S12 9	0	((("2nd" or second) near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with tmah with thin)	US-PGPUB; USPAT	OR	ON	2005/08/30 17:34
S13 0	169	((("2nd" or second) near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with "both" with ("1st" or first))	US-PGPUB; USPAT	OR	ON	2005/08/30 17:34
S12 6	176	((("2nd" or second) near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with thin) and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/30 17:35
S96	4409	(438/637-640,672,675.ccls.)	US-PGPUB; USPAT	OR	ON	2005/08/30 17:36

S13 5	30	S134 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/30 17:40
S13 6	4	(438/637-640,672,675.ccls.) and S135	US-PGPUB; USPAT	OR	ON	2005/08/30 17:40
S13 3	5	(438/637-640,672,675.ccls.) and S132	US-PGPUB; USPAT	OR	ON	2005/08/30 17:40
S13 4	44	((("1st" or first) near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with "both" with ("2nd" or second) with (etch or etched or etching or dissolved or dissolve or dissolving or developed or developing or develop))	US-PGPUB; USPAT	OR	ON	2005/08/30 17:40
S13 9	11	S138 not S133	US-PGPUB; USPAT	OR	ON	2005/08/30 17:41
S13 7	0	S136 not S133	US-PGPUB; USPAT	OR	ON	2005/08/30 17:41
S14 1	4	S140 not S139	US-PGPUB; USPAT	OR	ON	2005/08/30 17:43
S13 8	12	pad and S135	US-PGPUB; USPAT	OR	ON	2005/08/30 17:43
S14 0	14	pad and S132	US-PGPUB; USPAT	OR	ON	2005/08/30 17:43
S14 2	16	("3725136" "3761328" "3787962" "3928082" "4111726" "4172741" "4393575" "4456918" "4573257" "4635345" "4683485" "4764482" "4804634" "4816880").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 17:46
S13 2	46	S131 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/30 17:47
S93	208	(pad with (fill or filled or filling) with (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive))	US-PGPUB; USPAT	OR	ON	2005/08/30 17:47
S14 3	410	((hole or opening) with (fill or filled or filling) with (polyimide))	US-PGPUB; USPAT	OR	ON	2005/08/30 17:47

S13 1	76	(("2nd" or second) near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with "both" with ("1st" or first) with (etch or etched or etching or dissolved or dissolve or dissolving or developed or developing or develop))	US-PGPUB; USPAT	OR	ON	2005/08/30 17:47
S14 6	1	S144 and (("2nd" or second) near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with (polyimide) with (etch or etched or etching or dissolved or dissolve or dissolving or developed or developing or develop))	US-PGPUB; USPAT	OR	ON	2005/08/30 17:48
S14 5	0	S144 and (("2nd" or second) near (photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive)) with "both" with (polyimide) with (etch or etched or etching or dissolved or dissolve or dissolving or developed or developing or develop))	US-PGPUB; USPAT	OR	ON	2005/08/30 17:48
S14 4	182	S143 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/30 19:08
S15 0	1	"5717251".pn.	US-PGPUB; USPAT	OR	ON	2005/08/31 11:16
S14 8	26	"5717251"	US-PGPUB; USPAT	OR	ON	2005/08/31 11:16
S15 1	10	("4767724" "4789648" "4944836" "5173442" "5266446" "5328553" "5696406" "5702982" "5717251" "5741741").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/31 12:02
S15 2	15	"6323117" "6100177"	US-PGPUB; USPAT	OR	ON	2005/08/31 12:07
S14 9	18	S148 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/31 12:08

S14 7	15	S144 and ((photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) with (polyimide) with (etch or etched or etching or dissolved or dissolve or dissolving or developed or developing or develop))	US-PGPUB; USPAT	OR	ON	2005/08/31 12:14
S15 3	12	S152 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/31 12:15
S15 6	21	("4899107" "5034091" "5046239" "5073117" "5088190" "5123850" "5200694" "5206585" "5236551" "5302891" "5326428" "5367253" "5424652" "5440240" "5483174" "5495179" "5519332" "5530376" "5541525" "5543725" "5581195").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/31 12:18
S15 5	9	S154 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/31 12:19
S15 4	13	((photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) with (polyimide or novolak or resol) with (("same time" or simultaneously) near (etch or etched or etching or dissolved or dissolve or dissolving or developed or developing or develop)))	US-PGPUB; USPAT	OR	ON	2005/08/31 12:19
S15 9	2	S158 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/31 12:20
S15 8	6	S157 not S154	US-PGPUB; USPAT	OR	ON	2005/08/31 12:20
S15 7	19	((photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) with (polyimide or novolak or resol) with (("same time" or simultaneously) near2 (etch or etched or etching or dissolved or dissolve or dissolving or developed or developing or develop)))	US-PGPUB; USPAT	OR	ON	2005/08/31 12:20

S16 0	46	((photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) with (polyimide or novolak or resol) with ("same time" or simultaneously) with (etch or etched or etching or dissolved or dissolve or dissolving or developed or developing or develop))	US-PGPUB; USPAT	OR	ON	2005/08/31 12:23
S16 2	4	S161 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/31 12:24
S16 3	8	((photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) with (polyimide or novolak or resol) with ("both" near (etch or etched or etching or dissolved or dissolve or dissolving or developed or developing or develop)))	US-PGPUB; USPAT	OR	ON	2005/08/31 12:26
S16 7	22	S166 not (S157 or S154)	US-PGPUB; USPAT	OR	ON	2005/08/31 12:27
S16 6	25	S165 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/31 12:27
S16 4	5	S163 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.) or ("430"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/08/31 12:27
S16 1	27	S160 not (S157 or S154)	US-PGPUB; USPAT	OR	ON	2005/08/31 12:27
S16 5	38	((photo\$1resist or (photo adj (resist or resistant or resistive)) or photo\$1resistant or photo\$1resistive) with (polyimide or novolak or resol) with "both" with (etch or etched or etching or dissolved or dissolve or dissolving or developed or developing or develop))	US-PGPUB; USPAT	OR	ON	2005/08/31 12:27
S16 8	1	"5717251".pn. and (thickness or ang or angstrom or nm or nanometer)	US-PGPUB; USPAT	OR	ON	2005/08/31 19:09
S51	24	S50 and ("both" with (etch or etched or remove or removing or removed or etching)))	US-PGPUB; USPAT	OR	ON	2005/08/31 19:11

S16 9	0	"5717251".pn. and (tmah or tetra\$1ethyl)	US-PGPUB; USPAT	OR	ON	2005/08/31 19:11
S17 0	1	"5717251".pn. and (develop\$)	US-PGPUB; USPAT	OR	ON	2005/08/31 19:11
S1	0	pspl near alternative	US-PGPUB; USPAT	OR	ON	2005/09/03 12:26
S11	47	S9 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/09/03 12:27
S17 1	49	((passivation or passivating) with oxide with nitride with stack)	US-PGPUB; USPAT	OR	ON	2005/09/03 15:43
S17 6	43	S175 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/09/03 15:44
S17 4	101	S173 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/09/03 15:44
S17 2	43	S171 and (@ad<"20040212" or @rlad<"20040212") and (("257"/\$3.cor.) or ("438"/\$3.cor.))	US-PGPUB; USPAT	OR	ON	2005/09/03 15:44
S17 5	49	((passivation or passivating) with oxide with nitride with stack)	US-PGPUB; USPAT	OR	ON	2005/09/03 15:44
S17 3	133	((passivation or passivating) with oxide with nitride with composite)	US-PGPUB; USPAT	OR	ON	2005/09/03 15:44